

## Product datasheet for **RC228990A1V**

### Human ZBTB20 (NM\_001164345) AAV Particle

#### Product data:

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | AAV Particles                            |
| Product Name:             | Human ZBTB20 (NM_001164345) AAV Particle |
| Tag:                      | Myc-DDK                                  |
| Symbol:                   | ZBTB20                                   |
| Synonyms:                 | DPZF; HOF; ODA-8S; PRIMS; ZNF288         |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)               |



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**ORF Nucleotide  
Sequence:**

&gt;RC228990 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

 ATGACCGAGCGCATTACAGCATCAACCTTCACAACTTCAGCAATTCGTGCTCGAGACCCTCAACGAGC  
AGCGCAACCGTGGCCACTTCTGTGACGTAACGGTGCATCCACGGGAGCATGCTGCGCGCACACCGCTG  
CGTGCTGGCAGCCGCGAGCCCTTCTCCAGGACAACTGCTGCTTGGCTACAGCGACATCGAGATCCCG  
TCGGTGGTGTCAGTGCAGTCAAGGCTCATTGACTTCATGTACAGCGCGCTGCTACGGGTCTCGC  
AGTCGGAAGCTCTGCAGATCCTACGGCCGCCAGCATCCTGCAGATCAAAACAGTCATCGACGAGTGCAC  
GCGCATCGTGTCAGAACGTGGGCGATGTGTTCCCGGGGATCCAGGACTCGGGCCAGGACACGCCGCGG  
GGCACTCCCGAGTCAGGCAGTCAGGCCAGAGCAGCAGACGGAGTCGGGCTACCTGCAGAGCCACCCAC  
AGCACAGCGTGGACAGGATCTACTCGGCACTCTACGCGTCTCCATGCAGAATGGCAGCGCGAGCGCTC  
TTTTTACAGCGCGCAGTGGTCAGCCACCACGAGACTGCGCTCGGCTGCCCGCGACCACCATGGAA  
GACCCAGCTGGATCACACGCATCCATGAGCGCTCGCAGCAGATGGAGCGCTACCTGTCCACCACCCCG  
AGACCACGCACTGCCGCAAGCAGCCCCGGCCTGTGCGCATCCAGACCCTAGTGGGCAACATCCACATCAA  
GCAGGAGATGGAGGACGATTACGACTACTACGGGCAGCAAGGGTGCAGATCCTGGAACGCAACGAATCC  
GAGGAGTGCACGGAAGACACAGACCAGGCCGAGGGCACCAGAGTGCAGCCAAAGGTGAAAGCTTCGACT  
CGGGCGTCAGCTCCTCCATAGGCACCGAGCCTGACTCGGTGGAGCAGCAGTTTGGGCTGGGGCGCGCG  
GGACAGCCAGGCTGAACCCACCAACCCGAGCAGGCTGCAGAAGCCCCGCTGAGGGTGGTCCGACAGACA  
AACCAGCTAGAAACAGGTGCTTCTCTCCGAGAGAAGCAATGAAGTGGAGATGGACAGCACTGTTATCA  
CTGTGAGCAACAGCTCCGACAAGAGCGTCCTACAACAGCCTTCGGTCAACACGTCCATCGGGCAGCCATT  
GCCAAGTACCCAGCTCTACTTACGCCAGACAGAAACCCCTCACCAGCAACCTGAGGATGCCTCTGACCTTG  
ACCAGCAACACGAGGTCAATTGGCACAGCTGGCAACACCTACCTGCCAGCCCTCTTACTACCCAGCCCG  
CGGGCAGTGGCCCAAGCCTTCTCTCAGCCTGCCACAGCCCTGGCAGGCCAGCAGACCCAGTTTGT  
GACAGTGTTCAGCCCGTCTGTGACCTTTACTGCACAGCTGCCAGCGCCACAGCCCTGGCCTCATCC  
GCAGGCCACAGCACAGCCAGTGGGCAAGGCGAAAAAAGCCTTATGAGTGCATCTCTGCAACAAGACTT  
TCACCGCCAAACAGAACTACGTCAAGCACATGTTCTGTACACACAGGTGAGAAGCCCCACCAATGCAGCAT  
CTGTTGGCGCTCCTTCTCCTTAAAGGATTACCTTATCAAGCACATGGTGACACACACAGGAGTGAGGGCA  
TACCAGTGTAGTATCTGCAACAAGCGCTTCACCCAGAAGAGCTCCCTCAACGTGCACATGCGCCTCCACC  
GGGGAGAGAAGTCTACGAGTGCTACATCTGCAAAAAGAAGTTCTCTACAAGACCCTCCTGGAGCGACA  
CGTGGCCCTGCACAGTGCAGCAATGGGACCCCCCTGCAGGCACACCCCAAGTGCCCGCGCTGGCCCC  
CCAGGCGTGGTGGCCTGCACGGAGGGGACCACTTACGTCTGCTCCGTCTGCCAGCAAAGTTTGACCAAA  
TCGAGCAGTTCAACGACCACATGAGGATGCATGTGTCTGACGGA

 AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC228990 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTERIHSINLHNFSNSVLETLNEQRNRGHFCDTVRIHGSMRLAHRCVLAAGSPFFQDKLLLGYSIDIEIP<br/> SVVSVQSVQKLIDFMYSGLRVLSQSEALQILTAASILQIKTVIDECTRIVSQNVGDVFPGIQDSGQDTPR<br/> GTPESGTSQGSSDTEGSLQSHPOHSVDRIYSALYACSMQNGSGERSFYSGAVVSHHETALGLPRDHHME<br/> DPSWITRIHERSQQMERYLSTTPETTHCRKQPRPVRIQTLVGNIIHIKQEMEDDYDYYGQQRVQILERNES<br/> EECTEDTDQAEGTESEPKGESFDSGVSSSIGTEPDSVEQQFGPGAARDSQAEPQPEQAAEAPAEGGPQT<br/> NQLETGASSPERSNEVEMDSTVITVSNSSDKSVLQQPSVNTSIGQPLPSTQLYLRTETLTSLNRMPLTL<br/> TSNTQVIGTAGNTYLPALFTTQPAQSGPKPFLFSLPQPLAQQTQFVTVFQPLSTFTAQLPAPQPLASS<br/> AGHSTASGQGEKKPYECTLCNKFTTAKQNYVKHMFVHTGEKPHQCSICWRSFSLKDYLIKHMVTHTGVARA<br/> YQCSICNKRFTQKSSLNVHMLRHRGEKSYECYICKKKFSHKTLLERHVALHSASNGTPPAGTPPGARAGP<br/> PGVVACTEGTTYVCSVCPAKFDQIEQFNDHMRMHVSDG</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_001164345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ORF Size:         | 2004 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:           | PBS with 0.001% Pluronic F9560                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Stability:        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq:           | <u>NM_001164345.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:      | 27291 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq ORF:       | 2007 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:         | 26137                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:       | <u>Q9HC78</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics:     | 3q13.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:               | 73.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |